

## **EXHIBIT 16**

**Raghu, Jamie**

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**From:** Wukoson, George  
**Sent:** Monday, May 22, 2017 3:38 PM  
**To:** 'terry@azure-tech.com'; 'abuse@azure-tech.com'; 'ts@azure-tech.com'  
**Cc:** Balin, Robert  
**Subject:** Second Amended Default Judgment and Permanent Injunction Order, China Central Television, et al. v. Create New Technology HK Limited, et al., No. 15-cv-01869 (SVW) (AJW)  
**Attachments:** 2017.05.22 Wukoson letter to Azure Technology re Second Amended Permanent Injunction.pdf; Exhibit 1 - Second Amended Default Judgment PI Against Create New Technology and Hua Yang International Te.pdf; 2017.05.22 Exhibit 2 to Azure Technology letter.docx

Dear Sir or Madam,

Please see the attached correspondence.

Sincerely,

**George Wukoson** | Davis Wright Tremaine LLP

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May 22, 2017

Via email and fed ex  
AZURE TECHNOLOGY CO., LIMITED  
1644 Sherman Street  
Denver, CO 80203  
terry@azure-tech.com  
abuse@azure-tech.com  
ts@azure-tech.com

Re: Second Amended Order Granting Plaintiffs' Motion for Default Judgment and Permanent Injunction against Defendants Create New Technology (HK) Limited and Hua Yang International Technology Ltd.,  
*China Central Television, et al. v. Create New Technology HK Limited, et al.*,  
Federal District Court for the C.D. Cal. Civil Action No. 15-cv-01869 (SVW)(AJW)

Dear Sir or Madam:

We are litigation counsel for China Central Television, China International Communications Co., Ltd., TVB Holdings (USA), Inc., and DISH Network L.L.C. ("Plaintiffs") in a copyright infringement lawsuit entitled *China Central Television, et al. v. Create New Technology (HK) Limited, et al.*, 15-cv-01869 (the "TVpad Copyright Infringement Lawsuit"). We are writing to place you on notice of a court order, the Second Amended Order Granting Plaintiffs' Motion for Default Judgment and Permanent Injunction against Defendants Create New Technology (HK) Limited and Hua Yang International Technology Ltd. ("Injunction"), in the TVpad Copyright Infringement Lawsuit.

**Pursuant to the terms of the Injunction, we request that you disable accounts and content hosting services utilized by the Enjoined Parties identified in the Injunction.**

The TVpad Copyright Infringement Lawsuit concerns massive infringement by Create New Technology (HK) Limited ("CNT"), which manufactures the TVpad set-top box, of our clients' exclusive rights in the United States to publicly perform and distribute copyrighted television programming that originally airs on CCTV and TVB television channels in China and Hong Kong. Specifically, applications on the TVpad device (the "Infringing TVpad Apps") illegally stream copyrighted CCTV and TVB television programs from China to TVpad users in the United States. CNT has now created a re-branded version of the TVpad called the blueTV,

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and applications on this new device now illegally stream copyrighted CCTV and TVB television programs from China to users of the BlueTV in the United States. With their infringing apps, TVpad, blueTV, and any similar apps and devices (“Comparable Systems”) are all subject to the Injunction.

The Injunction is enclosed with this letter as Exhibit 1.<sup>1</sup> The Injunction states as follows:

“Third parties providing web, server and file hosting services, data center and colocation services, and primary and backup storage services (including but not limited to cloud storage services) used in connection with the activities enjoined under Paragraphs 9, 10 and 13 hereinabove, including but not limited to the third parties providing hosting services for the Internet servers identified in **Exhibit C** hereto (including but not limited to servers providing streaming video, application files, TVpad Store functionality, and TVpad Device initialization, operation and authentication) and who receive actual notice of this Order, are immediately and permanently enjoined from providing such hosting services to (i) any Enjoined Parties in connection with the activities enjoined under Paragraphs 9, 10 and 13 hereinabove; (ii) any server, IP address, domain name or website used in conjunction with the TVpad Device, Infringing TVpad Apps or any Comparable System; and (iii) the TVpad Websites.

Third parties providing services used in connection with the activities enjoined under Paragraphs 9, 10 and 13 hereinabove, including but not limited to back-end service providers, service providers routing traffic or providing bandwidth, content delivery networks and domain name server systems (including but not limited to CloudFlare and DNSPod), search-based online advertising services (such as through paid inclusion, paid search results, sponsored search results, sponsored links, and Internet keyword advertising), domain name registration privacy protection services, providers of social media services (including but not limited to Facebook and Twitter), user generated and online content services (including but not limited to YouTube) and data security services (including but not limited to denial-of-service attack prevention, firewall and proxy services), who receive actual notice of this Order are permanently enjoined from providing such services to: (i) any Enjoined Parties in connection with the activities enjoined under Paragraphs 9, 10 and 13 hereinabove; (ii) any server, IP address, domain name or website used in conjunction with the TVpad Device, Infringing TVpad Apps or any Comparable System; and (iii) the TVpad Websites.”

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<sup>1</sup> Exhibit A to the Permanent Injunction, comprised of Plaintiffs' copyright registrations, is included only in part due to large file size. We can provide the full Exhibit A in a series of emails if you would like.

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Injunction, pp. 9–10, ¶¶ 16–17. Plaintiffs have ascertained that the IP addresses listed in Exhibit 2 to this letter, for which you are host, are being used by Enjoined Parties in connection with enjoined activities.

**Accordingly, pursuant to the Injunction, please promptly cease providing hosting services to the Enjoined Parties in connection with their infringing activities. Specifically, the Injunction requires that you immediately stop providing hosting services to any and all accounts identified by IP address and date of detection in Exhibit 2, and that you immediately stop providing hosting services to any other accounts held by Enjoined Parties that are used for their infringing activities.** Please confirm once you have taken these steps. Please do not hesitate to contact us to discuss if you have any questions. Thank you for your cooperation.

Sincerely,

Davis Wright Tremaine LLP

*/s/ George P. Wukoson*

George P. Wukoson

UNITED STATES DISTRICT COURT  
CENTRAL DISTRICT OF CALIFORNIA

CHINA CENTRAL TELEVISION, a China  
company; CHINA INTERNATIONAL  
COMMUNICATIONS CO., LTD., a China  
company; TVB HOLDINGS (USA), INC., a  
California corporation; and DISH  
NETWORK L.L.C., a Colorado limited  
liability company,

Plaintiffs,

vs.

CREATE NEW TECHNOLOGY (HK)  
LIMITED, a Hong Kong company; HUA  
YANG INTERNATIONAL TECHNOLOGY  
LTD., a Hong Kong company; SHENZHEN  
GREATVISION NETWORK  
TECHNOLOGY CO. LTD., a China  
company; CLUB TVPAD, INC., a California  
corporation; BENNETT WONG, an  
individual; ASHA MEDIA GROUP INC.  
d/b/a TVPAD.COM, a Florida corporation;  
AMIT BHALLA, an individual;  
NEWTVPAD LTD CO. a/k/a TVPAD USA,  
a Texas corporation; LIANGZHONG ZHOU,  
an individual; HONGHUI CHEN d/b/a e-  
Digital, an individual; JOHN DOE 1 d/b/a  
BETV; JOHN DOE 2 d/b/a YUE HAI; JOHN  
DOE 3 d/b/a 516; JOHN DOE 4 d/b/a HITV;  
JOHN DOE 5 d/b/a GANG YUE; JOHN  
DOE 6 d/b/a SPORT ONLINE; JOHN DOE 7  
d/b/a GANG TAI WU XIA; and JOHN DOES  
8-10,

Defendants.

Case No.

**CV 15-1869 SVW (AJWx)**

**SECOND AMENDED ORDER  
GRANTING PLAINTIFFS'  
MOTION FOR DEFAULT  
JUDGMENT AND  
PERMANENT INJUNCTION  
AGAINST DEFENDANTS  
CREATE NEW TECHNOLOGY  
(HK) LIMITED AND HUA  
YANG INTERNATIONAL  
TECHNOLOGY LTD.**

**TO ALL PARTIES AND THEIR COUNSEL OF RECORD:**

The Court has considered the Motion to Amend Default Judgment and Permanent Injunction of Plaintiffs China Central Television (“CCTV”), China International Communications Co., Ltd. (“CICC”), TVB Holdings (USA), Inc. (“TVB (USA)”), and DISH Network L.L.C. (“DISH”) (collectively, “Plaintiffs”), against Defendants Create New Technology (HK) Limited and Hua Yang International Technology Limited (“Defendants”) and all documents in support thereof. Good cause appearing to enter the requested relief, IT IS HEREBY ORDERED that Plaintiffs’ Motion is GRANTED, and Judgment shall be and hereby is entered against Defendants in this action as follows:

1. For purposes of this Default Judgment and Permanent Injunction, the following definitions shall apply:

a. “Plaintiffs’ Copyrighted Programming” shall mean each of those broadcast television programming works, or portions thereof, whether now in existence or later created, in which the Plaintiffs, or any of them (or any parent, subsidiary, or affiliate of any of the Plaintiffs), owns or controls an exclusive right under the United States Copyright Act, 17 U.S.C. §§ 101 *et seq.*, including without limitation all copyrighted programs identified in **Exhibit A** hereto;

b. “TVpad Device” shall mean the television set-top devices marketed as TVpad3 and TVpad4, and any other set-top devices that offer for download or allow use of the Infringing TVpad Apps;

c. “TVpad Store” shall mean any combination of software and/or services whereby users can select and download software applications onto the TVpad Device;

d. “TVpad Apps” shall mean software applications and associated services that are designed for use on the TVpad Device and available for download through the TVpad Store;

1 e. "Infringing TVpad Apps" shall mean any TVpad App or similar  
2 application used with a Comparable System whereby Plaintiffs' Copyrighted  
3 Programming is publicly performed without authorization by transmission to  
4 members of the public, including but not limited to the TVpad Apps and  
5 blueTV device app identified in **Exhibit B** hereto;

6 f. "TVpad Service" shall mean transmission of Plaintiffs  
7 Copyrighted Programming through the TVpad Device and the Infringing  
8 TVpad Apps;

9 g. "Comparable System" shall mean any device, data transmission  
10 service or application that provides users unauthorized access to Plaintiffs'  
11 Copyrighted Programming, using any peer to peer or internet based  
12 transmission, file sharing or content delivery technology, including but not  
13 limited to the blueTV device;

14 h. "TVpad Websites" shall mean the websites located at the domain  
15 names itvpad.com, mtvpad.com and tvpadfans.com and any other websites  
16 maintained by Defendants or pursuant to their direction, that distribute, sell,  
17 advertise or promote any TVpad Device, the TVpad Service, or any  
18 Comparable System, or are otherwise utilized in furtherance of any of the  
19 activities enjoined in Paragraphs 9, 10 and 13 hereinbelow;

20 i. "CCTV Marks" shall mean the word marks "CCTV" and "CCTV  
21 AMERICA" and the stylized CCTV logo, and the design mark "CCTV  
22 AMERICA" registered with the U.S. Patent and Trademark Office,  
23 Application Serial No. 86239098;

24 j. "TVB Marks" shall mean (a) the word mark JADE (U.S. Serial  
25 No. 76406416); (b) the JADE logo (U.S. Serial No. 76445114 and U.S.  
26 Application Serial No. 86171201); (c) the word mark TVB (U.S. Application  
27 Serial No. 86171162); and the Chinese-language word mark for THE JADE  
28 CHANNEL (U.S. Serial No. 76407746); and



1 k. "Plaintiffs' Marks" shall mean the CCTV Marks and TVB  
2 Marks.

3 2. This Court has personal jurisdiction over Defendants and jurisdiction  
4 over the subject matter at issue pursuant to 28 U.S. C. §§ 1331, 1338 and 1367, as  
5 well as 15 U.S.C. § 1121(a). This Court has continuing jurisdiction to enforce the  
6 terms and provisions of this Default Judgment and Permanent Injunction.

7 3. Plaintiffs' copyrights in Plaintiffs' Copyrighted Programming are valid  
8 and enforceable.

9 4. Plaintiffs' Marks are valid and enforceable.

10 5. Defendants have committed and continue to commit the following acts:

11 a. transmitting video of Plaintiffs' Copyrighted Programming into  
12 the United States without authorization through the TVpad Device and  
13 Infringing TVpad Apps;

14 b. retransmitting Plaintiffs' Copyrighted Programming to TVpad  
15 users, capturing television programs and converting them to Internet-friendly  
16 formats, streaming such content using peer-to-peer technology, directly  
17 streaming content to the United States, and making and storing copies of  
18 Plaintiffs' Copyrighted Programming for later playback at the request of  
19 TVpad users;

20 c. unlawfully publicly performing and/or authorizing others to  
21 publicly perform Plaintiffs' Copyrighted Programming;

22 d. unlawfully reproducing and distributing and/or authorizing others  
23 to reproduce and distribute Plaintiffs' Copyrighted Programming;

24 e. unlawfully publicly displaying and/or authorizing others to  
25 publicly display Plaintiffs' Copyrighted Programming in the United States;

26 f. marketing the availability of Plaintiffs' Copyrighted  
27 Programming through the TVpad Device and Infringing TVpad Apps;  
28

1 g. manufacturing, distributing, maintaining and marketing the  
2 TVpad Service, the TVpad device and the TVpad Store, and Infringing TVpad  
3 Apps, all with the object of promoting their use to infringe Plaintiffs'  
4 Copyrighted Programming, thereby knowingly and intentionally inducing  
5 infringement of Plaintiffs' Copyrighted Programming and materially  
6 contributing to the continued infringement of Plaintiffs' Copyrighted  
7 Programming by third parties;

8 h. continuing the acts detailed in ¶¶ 5(a)-(g) above after receiving  
9 cease and desist letters from Plaintiffs, after the commencement of this action  
10 and after and in violation of the Preliminary Injunction Order in this action  
11 [Dkt. No. 98]; and

12 i. using Plaintiffs' Marks to advertise the TVpad Service and falsely  
13 representing that Plaintiffs have authorized the streaming of their television  
14 programming on the TVpad, creating consumer confusion regarding Plaintiffs'  
15 relationship, authorization, sponsorship and affiliation with Defendants'  
16 products and services.

17 6. Defendants' acts constitute:

18 a. direct infringement, contributory infringement and vicarious  
19 infringement of Plaintiffs' Copyrighted Programming in violation of the  
20 Copyright Act, 17 U.S.C. § 101 *et seq.*;

21 b. federal trademark infringement and unfair competition under the  
22 Lanham Act, 15 U.S.C. § 1125(a);

23 c. common law trademark infringement and unfair competition; and

24 d. violation of California Business and Professions Code § 17200 *et*  
25 *seq.*

26 7. Defendants are ordered to pay damages to Plaintiffs in the amount of  
27 \$55,460,691.  
28

1           8. Defendants are ordered to pay Plaintiffs' attorneys fees in the amount of  
2 \$1,451,490, and post-judgment interest, pursuant to 28 U.S.C. § 1961(a), "at a rate  
3 equal to the weekly average 1-year constant maturity Treasury yield, as published by  
4 the Board of Governors of the Federal Reserve System, for the calendar week  
5 preceding the date of the judgment."

6           9. Defendants, and all of their parents, subsidiaries, affiliates, officers,  
7 agents, servants and employees, and all those persons or entities acting in active  
8 concert or participation with Defendants (including but not limited to parties that  
9 procure or provide sales, distribution, shipping or logistics services, primary and  
10 backup storage services, or web, server or file hosting services on behalf of  
11 Defendants, including but not limited to those parties listed in **Exhibits C and D**)  
12 and all persons and entities who receive actual notice of this Order (collectively, the  
13 "Enjoined Parties") are immediately and permanently enjoined from engaging in any  
14 of the following activities:

15           a. Distributing, selling, advertising, marketing or promoting any  
16 TVpad Device;

17           b. Transmitting, retransmitting, assisting in the transmission of,  
18 requesting transmission of, streaming, hosting or providing unauthorized  
19 access to, or otherwise publicly performing, directly or indirectly, by means of  
20 any device or process, Plaintiffs' Copyrighted Programming;

21           c. Authorizing, hosting, reproducing, downloading, selling or  
22 otherwise distributing the Infringing TVpad Apps, including without  
23 limitation offering them in the TVpad Store, loading them onto any TVpad  
24 Device or any Comparable System, offering or providing them on Internet  
25 websites, or providing the Infringing TVpad Apps to consumers on separate  
26 media;

27           d. Creating or providing assistance to others who wish to create an  
28 Infringing TVpad App;

1 e. Advertising, displaying, marketing or otherwise promoting any of  
2 the Infringing TVpad Apps, including without limitation publicly displaying  
3 any of the Plaintiffs' Copyrighted Programming in connection therewith or in  
4 connection with the TVpad Device or any Comparable System, including  
5 without limitation via the TVpad Websites;

6 f. Distributing, selling, advertising, marketing or promoting any  
7 TVpad Device that contains, connects to, or offers for download any  
8 Infringing TVpad App, or promotes any Infringing TVpad App through the  
9 inclusion of icons for said Infringing TVpad App;

10 g. Distributing, selling, advertising, marketing or promoting any  
11 TVpad Device that contains, connects to, offers for download, transmits,  
12 assists in the transmission of, streams, hosts, provides access to, or otherwise  
13 publicly performs, directly or indirectly, by means of any device or process,  
14 Plaintiffs' Copyrighted Programming without permission;

15 h. Distributing, selling, advertising, marketing or promoting any  
16 Comparable System that contains, connects to, offers for download, transmits,  
17 assists in the transmission of, streams, hosts, provides access to, or otherwise  
18 publicly performs, directly or indirectly, by means of any device or process,  
19 Plaintiffs' Copyrighted Programming without permission;

20 i. Providing or controlling servers which contain any of Plaintiffs'  
21 Copyrighted Programming; and

22 j. Assisting with end-user reproductions or transmissions of any of  
23 Plaintiffs' Copyrighted Programming through a tracker server, or any other  
24 server or software that assists users or devices in locating, identifying or  
25 obtaining reproductions or transmission of any of Plaintiffs' Copyrighted  
26 Programming, including from other users offering reproductions or  
27 transmissions of any of Plaintiffs' Copyrighted Programming;  
28

1 k. Otherwise infringing Plaintiffs' rights in their Copyrighted  
2 Programming, whether directly, contributorily, vicariously or in any other  
3 manner.

4 10. The Enjoined Parties are further immediately and permanently enjoined  
5 from engaging in any activities having the object or effect of fostering infringement  
6 of Plaintiffs' Copyrighted Programming, whether through the Infringing TVpad  
7 Apps or otherwise, including without limitation engaging in any of the following  
8 activities:

9 a. Advertising or promoting unauthorized access to or the  
10 availability of Plaintiffs' Copyrighted Programing;

11 b. Encouraging or soliciting others to transmit or reproduce  
12 Plaintiffs' Copyrighted Programming;

13 c. Encouraging or soliciting others to upload, post or index any files  
14 that constitute, correspond, point or lead to any of Plaintiffs' Copyrighted  
15 Programming;

16 d. Encouraging or soliciting others to offer transmission of  
17 Plaintiffs' Copyrighted Programming;

18 e. Providing technical assistance, support services or servers to  
19 others engaged in infringement of, or seeking to infringe, Plaintiffs'  
20 Copyrighted Programming;

21 f. Creating, maintaining, highlighting or otherwise providing access  
22 to lists or forums that include, refer to or signal the availability of Plaintiffs'  
23 Copyrighted Programming;

24 g. Including references to Plaintiffs' Copyrighted Programming or  
25 the Infringing TVpad Apps in promotional materials; and

26 h. Creating, maintaining or providing access to the Infringing  
27 TVpad Apps.  
28

11. The Enjoined Parties shall not enter into any agreement or transaction whatsoever to sell, lease, license, assign, convey, distribute, loan, encumber, pledge or otherwise transfer, whether or not for consideration or compensation, any part of the system, software, source code, data file, other technology, domain names, trademarks, brands, or files used in connection with the TVpad Device, Infringing TVpad Apps or any Comparable System.

12. Defendants shall identify to Plaintiffs all domain names and IP addresses and the physical locations of all servers owned, leased or operated by any of the Enjoined Parties that are used in connection with the activities enjoined under Paragraphs 9 and 10, above, within 7 days of the entry of this Permanent Injunction.

13. Further, the Enjoined Parties are immediately and permanently enjoined from engaging in any of the following activities:

a. Using the CCTV or TVB Marks, or any other mark, design reproduction, copy or symbol that is a colorable imitation thereof, or confusing similar thereto, in connection with broadcasting or entertainment services, or related goods or services, not originating from or authorized by Plaintiffs;

b. Using the CCTV or TVB Marks, or any other mark, design reproduction, copy or symbol that is a colorable imitation thereof, in any manner likely to cause confusion, to cause mistake, or to deceive the consuming public;

c. Representing in any manner, or by any method whatsoever, that goods and services provided by the Enjoined Parties are licensed, sponsored, approved, authorized by, or originate from Plaintiffs or otherwise taking any action likely to cause confusion, mistake, or deception as to the origin, approval, sponsorship or license of such goods or services;

1 d. Committing any acts calculated or likely to cause consumers to  
2 believe that the Enjoined Parties' products and services are authorized by  
3 Plaintiffs;

4 e. Infringing or diluting, whether directly or indirectly, the  
5 distinctive quality of the CCTV Marks or the TVB Marks; and

6 f. Unfairly competing with Plaintiffs in any manner.

7 14. As the Court has personal jurisdiction over Defendants and has  
8 concluded that the conduct of Defendants induces infringement of Plaintiffs'  
9 Copyrighted Programming in the United States under the copyright laws of the  
10 United States and infringes the CCTV Marks and TVB Marks under the trademark  
11 laws of the United States, this Permanent Injunction enjoins the conduct of  
12 Defendants wherever they may be found.

13 15. Third parties who provide sales, distribution, shipping or logistics  
14 services for the TVpad Device or Comparable System, including but not limited to  
15 the third party distributors identified in **Exhibit D** hereto, and who receive actual  
16 notice of this Order, are immediately and permanently enjoined from distributing,  
17 selling, advertising, marketing or promoting any TVpad Device or Comparable  
18 System and from providing any other services enjoined in Paragraphs 9, 10 and 13  
19 hereinabove.

20 16. Third parties providing web, server and file hosting services, data  
21 center and colocation services, and primary and backup storage services (including  
22 but not limited to cloud storage services) used in connection with the activities  
23 enjoined under Paragraphs 9, 10 and 13 hereinabove, including but not limited to the  
24 third parties providing hosting services for the Internet servers identified in **Exhibit**  
25 **C** hereto (including but not limited to servers providing streaming video, application  
26 files, TVpad Store or Comparable System functionality, and TVpad Device or  
27 Comparable System initialization, operation and authentication) and who receive  
28 actual notice of this Order, are immediately and permanently enjoined from



1 providing such hosting services to (i) any Enjoined Parties in connection with the  
2 activities enjoined under Paragraphs 9, 10 and 13 hereinabove; (ii) any server, IP  
3 address, domain name or website used in conjunction with the TVpad Device,  
4 Infringing TVpad Apps or any Comparable System; and (iii) the TVpad Websites.

5 17. Third parties providing services used in connection with the activities  
6 enjoined under Paragraphs 9, 10 and 13 hereinabove, including but not limited to  
7 back-end service providers, service providers routing traffic or providing bandwidth,  
8 content delivery networks and domain name server systems (including but not  
9 limited to CloudFlare and DNSPod), search-based online advertising services (such  
10 as through paid inclusion, paid search results, sponsored search results, sponsored  
11 links, and Internet keyword advertising), domain name registration privacy  
12 protection services, providers of social media services (including but not limited to  
13 Facebook and Twitter), user generated and online content services (including but not  
14 limited to YouTube) and data security services (including but not limited to denial-  
15 of-service attack prevention, firewall and proxy services), who receive actual notice  
16 of this Order are permanently enjoined from providing such services to: (i) any  
17 Enjoined Parties in connection with the activities enjoined under Paragraphs 9, 10  
18 and 13 hereinabove; (ii) any server, IP address, domain name or website used in  
19 conjunction with the TVpad Device, Infringing TVpad Apps or any Comparable  
20 System; and (iii) the TVpad Websites.

21 18. The domain name registries (including but not limited to VeriSign, Inc.)  
22 and/or registrars holding or listing the domain names itvpad.com, mtvpad.com or  
23 tvpadfans.com or one or more of the domain names used in connection with the  
24 activities enjoined under Paragraphs 9, 10 and 13 hereinabove (including but not  
25 limited to the domain names identified in **Exhibit C** hereto), and who receive actual  
26 notice of this Order, shall (1) temporarily disable these domain names, or any subset  
27 of these domain names specified by Plaintiffs, through a registry hold or otherwise,  
28 and make them inactive and non-transferable; and (2) at the direction of Plaintiffs,



1 transfer these domain names to Plaintiffs' ownership and control, including, *inter*  
2 *alia*, by changing the registrar of record to the registrar of Plaintiffs' choosing.

3 19. Service by mail upon Defendants of a copy of this Default Judgment  
4 and Permanent Injunction once entered by the Court is deemed sufficient notice to  
5 Defendants under Federal Rule of Civil Procedure 65. It shall not be necessary for  
6 Defendants to sign any form of acknowledgement of service.

7 20. This Permanent Injunction shall bind the Enjoined Parties. Defendants  
8 shall provide a copy of this Permanent Injunction to their officers, agents, servants,  
9 employees, attorneys, principals, shareholders, members, current and future  
10 administrators or moderators of the any online forums associated with Defendants,  
11 the TVpad Device, the TVpad Apps, or Comparable System.

12 21. Violation of this Permanent Injunction shall expose Defendants and all  
13 other persons bound by this Permanent Injunction to all applicable penalties,  
14 including contempt of Court.

15 22. Within 14 days of the date the Court enters this Permanent Injunction,  
16 Defendants shall file and serve a report in writing and under oath setting forth in  
17 detail the manner and form with which Defendants have complied with the  
18 Permanent Injunction.

19 23. The Court finds there is no just reason for delay in entering this Default  
20 Judgment and Permanent Injunction and, pursuant to Fed. R. Civ. P. 54(a), the Court  
21 direct immediate entry of this Default Judgment and Permanent Injunction.

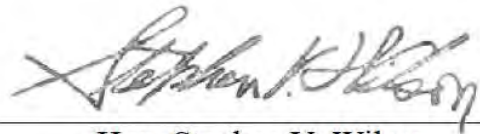
22 //

23 //

1           24. The Court shall retain jurisdiction of this action to entertain such further  
2 proceedings and to enter such further orders as may be necessary or appropriate to  
3 implement and enforce the provisions of this Default Judgment and Permanent  
4 Injunction.

5 IT IS SO ORDERED.

6  
7 May 10, 2017



Hon. Stephen V. Wilson  
Judge of the United States District Court

## **EXHIBIT A**

Registered CCTV Programs		
Title of Work and Episode Number	Date Broadcast	Copyright Registration Number
Across the Strait, Ep. 265	September 22, 2014	PAu 3-751-289
Across the Strait, Ep. 266	September 23, 2014	PAu 3-751-289
Across the Strait, Ep. 267	September 24, 2014	PAu 3-751-289
Across the Strait, Ep. 268	September 25, 2014	PAu 3-751-289
Across the Strait, Ep. 270	September 27, 2014	PAu 3-751-289
Across the Strait, Ep. 271	September 28, 2014	PAu 3-751-289
Across the Strait, Ep. 277	October 4, 2014	PAu 3-751-289
Across the Strait, Ep. 278	October 5, 2014	PAu 3-751-289
Around China, Ep. 265	September 22, 2014	PAu 3-751-288
Around China, Ep. 266	September 23, 2014	PAu 3-751-288
Around China, Ep. 267	September 24, 2014	PAu 3-751-288
Around China, Ep. 268	September 25, 2014	PAu 3-751-288
Around China, Ep. 270	September 27, 2014	PAu 3-751-288
Around China, Ep. 271	September 28, 2014	PAu 3-751-288
Around China, Ep. 277	October 4, 2014	PAu 3-751-288
Around China, Ep. 278	October 5, 2014	PAu 3-751-288
Art Life, Ep. 37	September 25, 2014	PAu 3-751-290
Art Life, Ep. 38	October 3, 2014	PAu 3-751-290
Echo Clear, Ep. 38	September 26, 2014	PAu 3-751-295
Echo Clear, Ep. 39	October 3, 2014	PAu 3-751-295
Echo Clear, Ep. 41	October 5, 2014	PAu 3-751-295
Fashion Infinite, Ep. 39	September 28, 2014	PAu 3-751-281
Fashion Infinite, Ep. 40	October 5, 2014	PAu 3-751-281
I want to go to the Spring Festival gala, Ep. 35	September 28, 2014	PAu 3-751-285
I want to go to the Spring Festival gala, Ep. 36	October 5, 2014	PAu 3-751-285
Star Walk, Ep. 31	September 25, 2014	PAu 3-751-292
Star Walk, Special 3	October 3, 2014	PAu 3-751-292
Star Walk, Special 4	October 4, 2014	PAu 3-751-292
To a happy departure, Ep. 37	September 22, 2014	PAu 3-746-792
Variety Festival, Ep. 36	September 23, 2014	PAu 3-751-293

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Certificate of Registration



This Certificate issued under the seal of the Copyright Office in accordance with title 17, *United States Code*, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Maria A. Pallante*

Register of Copyrights, United States of America

Registration Number  
**PAu 3-751-289**

Effective date of  
registration:  
November 19, 2014

**Title** \_\_\_\_\_

**Title of Work:** Across the Strait  
**Contents Titles:** Across the Strait Episodes 265, 266, 267, 268, 270, 271, 277, 278

**Completion/Publication** \_\_\_\_\_

**Year of Completion:** 2014

**Author** \_\_\_\_\_

■ **Author:** China Central Television

**Author Created:** entire motion picture

**Work made for hire:** Yes

**Domiciled in:** China

**Copyright claimant** \_\_\_\_\_

**Copyright Claimant:** China Central Television  
No.11 Fuxinglu, Beijing, 100859, China

**Rights and Permissions** \_\_\_\_\_

**Organization Name:** China Central Television

**Certification** \_\_\_\_\_

**Name:** Wengian Wang

**Date:** December 29, 2014

\_\_\_\_\_  
**Correspondence:** Yes

**Registration #:** PAU003751289

**Service Request #:** 1-1866733960



Davis Wright Tremaine LLP  
George P. Wukoson  
1633 Broadway  
27th Floor  
New York, NY 10019 United States

**Registered TVB Programs (Live)**

<b>Title of Work and Episode Number</b>	<b>Date Broadcast</b>	<b>Copyright Registration Number</b>
Big Boys Club, Ep. 1200	September 29, 2014	PA 1-922-870
Big Boys Club, Ep. 1201	September 30, 2014	PA 1-922-866
Big Boys Club, Ep. 1202	October 1, 2014	PA 1-922-875
Big Boys Club, Ep. 1203	October 2, 2014	PA 1-922-872
News At Seven Thirty (Pearl) 2014 9/29	September 29, 2014	PA 1-922-869
News At Seven Thirty (Pearl) 2014 9/30	September 30, 2014	PA 1-922-867
News At Seven Thirty (Pearl) 2014 10/1	October 1, 2014	PA 1-922-873
Pleasure and Leisure 2014 9/30	September 30, 2014	PA 1-922-868
Pleasure and Leisure 2014 10/1	October 1, 2014	PA 1-922-864
Pleasure and Leisure 2014 10/2	October 2, 2014	PA 1-922-871

**Registered TVB Programs (Video-on-Demand)**

<b>Title of Work and Episode Numbers</b>	<b>Copyright Registration Number</b>	<b>Dates Infringement Confirmed</b>	<b>Infringing Application</b>
A Change of Destiny, Ep. 1 through 20	PA0001388870	6/18/2015 8/7/2015	Gang Tai Wu Xia
A Change of Heart, Ep. 1 through 30	PA0001866892	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
A Great Way To Care II, Ep. 1 through 25	PA0001847097	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
A Step into the Past, Ep. 1 through 40	PA0001074513	6/19/2015 8/7/2015	Gang Tai Wu Xia
All That Is Bitter Is Sweet, Ep. 1 through 29	PA0001922865	8/20/2015	Gang Yue Wang Luo Dian Shi
Always And Ever, Ep 1 through 31	PA0001866873	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Awfully Lawful, Ep. 1 through 20	PA0001866872	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Beauty At War, Ep. 1 through 30	PA0001849236	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Black Heart White Soul, Ep. 1 through 30	PA0001920529	8/24/2015	Gang Yue Wang Luo Dian Shi
Bounty Lady, Ep. 1 through 19	PA0001890407	6/20/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Brother's Keeper, Ep. 1 through 31	PA0001878628	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Bullet Brain, Ep. 1 through 25	PA0001847052	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Coffee Cat Mama, Ep. 1 through 20	PA0001910249	6/21/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Come Home Love, Ep. 1 through 142	PA0001872347	6/19/2015	Gang Yue Kuai Kan
Come Home Love, Ep. 143 through 160	PA0001872347	6/19/2015 8/4/2015	Gang Yue Kuai Kan
Come Home Love, Ep. 161 through 162	PA0001872347	6/20/2015 8/4/2015	Gang Yue Kuai Kan



<b>Title of Work and Episode Numbers</b>	<b>Copyright Registration Number</b>	<b>Dates Infringement Confirmed</b>	<b>Infringing Application</b>
Come Home Love, Ep. 610 through 614	PA0001922874	6/21/2015 8/4/2015	Gang Yue Kuai Kan
Daddy Good Deeds, Ep. 1 through 20	PA0001857840	6/21/2015	Gang Yue Wang Luo Dian Shi
Divas In Distress, Ep. 1 through 20	PA0001827059	6/18/2015	Gang Yue Wang Luo Dian Shi
Don Juan De Mercado, Ep. 1 through 6	PA0001712850	8/20/2015	Gang Yue Wang Luo Dian Shi
Duke of Mount Deer, Ep. 1 through 45	PA0000923706	6/19/2015 8/7/2015	Gang Tai Wu Xia
Friendly Fire, Ep. 1 through 24	PA0001840636	6/21/2015	Gang Yue Wang Luo Dian Shi
Ghetto Justice II, Ep. 1 through 20	PA0001827048	6/20/2015	Gang Yue Wang Luo Dian Shi
Ghost Dragon of Cold Mountain, Ep. 1 through 30	PA0001918949	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Gilded Chopsticks, Ep. 1 through 25	PA0001906159	6/21/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Gloves Come Off, Ep. 1 through 25	PA0001857855	6/20/2015	Gang Yue Wang Luo Dian Shi
Gods of Honour, Ep. 1 through 40	PA0001063318	6/18/2015 8/7/2015	Gang Tai Wu Xia
Grace Under Fire, Ep. 1 through 32	PA0001776413	6/18/2015 8/7/2015	Gang Tai Wu Xia
Heaven Sword and Dragon Sabre, Ep. 1 through 42	PA0001012498	6/18/2015 8/7/2015	Gang Tai Wu Xia
Highs and Lows, Ep. 1 through 29	PA0001840632	6/20/2015	Gang Yue Wang Luo Dian Shi
House of Harmony and Vengeance, Ep. 1 through 30	PA0001857846	6/20/2015	Gang Yue Wang Luo Dian Shi

<b>Title of Work and Episode Numbers</b>	<b>Copyright Registration Number</b>	<b>Dates Infringement Confirmed</b>	<b>Infringing Application</b>
Inbound Troubles, Ep. 1 through 20	PA0001848886	6/20/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Karma Rider, Ep. 1 through 20	PA0001863828	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
King Maker, Ep. 1 through 26	PA0001827056	6/20/2015	Gang Yue Wang Luo Dian Shi
Line Walker, Ep. 1 through 30	PA0001922863	8/20/2015	Gang Yue Wang Luo Dian Shi
Man In Charge, Ep. 1 through 20	PA0001738145	6/18/2015 8/7/2015	Gang Tai Wu Xia
Missing You, Ep. 1 through 20	PA0001840634	6/20/2015	Gang Yue Wang Luo Dian Shi
Never Dance Alone, Ep. 1 through 30	PA0001919570	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
No Good Either Way, Ep. 1 through 20	PA0001827058	6/21/2015	Gang Yue Wang Luo Dian Shi
Outbound Love, Ep. 1 through 21	PA0001891391	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Overachievers, Ep. 1 through 30	PA0001936095	8/20/2015	Gang Yue Wang Luo Dian Shi
Queen Divas, Ep. 1 through 14	PA0001894494	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Reality Check, Ep. 1 through 20	PA0001845356	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Rear Mirror, Ep. 1 through 20	PA0001924137	8/20/2015	Gang Yue Wang Luo Dian Shi
Return of the Silver Tongue, Ep. 1 through 25	PA0001910251	6/21/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Ruse of Engagement, Ep. 1 through 25	PA0001901753	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Season of Love, Ep. 1 through 20	PA0001840377	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Sergeant Tabloid, Ep. 1 through 20	PA0001827198	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi

<b>Title of Work and Episode Numbers</b>	<b>Copyright Registration Number</b>	<b>Dates Infringement Confirmed</b>	<b>Infringing Application</b>
Silver Spoon, Sterling Shackles, Ep. 1 through 40	PA0001840638	6/20/2015	Gang Yue Wang Luo Dian Shi
Slow Boat Home, Ep. 1 through 25	PA0001857765	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Sniper Standoff, Ep. 1 through 25	PA0001881211	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Storm in a Cocoon, Ep. 1 through 31	PA0001901640	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Sweetness in the Salt, Ep. 1 through 25	PA0001660153	6/18/2015 8/7/2015	Gang Tai Wu Xia
Swipe Tap Love, Ep. 1 through 20	PA0001900069	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
The Confidant, Ep. 1 through 33	PA0001840635	6/21/2015	Gang Yue Wang Luo Dian Shi
The Day of Days, Ep. 1 through 20	PA0001839833	6/21/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
The Four, Ep. 1 through 25	PA0001638548	6/19/2015 8/7/2015	Gang Tai Wu Xia
The Greatness of A Hero, Ep. 1 through 20	PA0001660075	6/20/2015	Gang Yue Wang Luo Dian Shi
The Greed Of Man, Ep. 1 through 40	PA0000593136; PA0000593128; PA0000593127; PA0000593126; PA0000593122; PA0000593125; PA0000593141; PA0000593129; PA0000593124; PA0000593121; PA0000593120; PA0000593123; PA0000593133	8/20/2015	Gang Yue Wang Luo Dian Shi

<b>Title of Work and Episode Numbers</b>	<b>Copyright Registration Number</b>	<b>Dates Infringement Confirmed</b>	<b>Infringing Application</b>
The Hippocratic Crush, Ep. 1 through 25	PA0001857863	6/19/2015	Gang Yue Wang Luo Dian Shi
The Hippocratic Crush II, Ep. 1 through 30	PA0001883626	6/20/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
The Last Steep Ascent, Ep. 1 through 24	PA0001827043	6/20/2015	Gang Yue Wang Luo Dian Shi
The Master of Tai Chi, Ep. 1 through 25	PA0001619042	6/18/2015 8/7/2015	Gang Tai Wu Xia
The Ultimate Addiction, Ep. 1 through 30	PA0001916638	6/18/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Three Kingdoms RPG, Ep. 1 through 24	PA0001827052	6/20/2015	Gang Yue Wang Luo Dian Shi
Tiger Cubs, Ep. 1 through 13	PA0001827044	6/21/2015	Gang Yue Wang Luo Dian Shi
Triumph in The Skies II, Ep. 1 through 41	PA0001877655	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Twin of Brothers, Ep. 1 through 42	PA0001242731	6/19/2015 8/7/2015	Gang Tai Wu Xia
Whatever It Takes, Ep. 1 through 20	PA0001102787	6/18/2015 8/7/2015	Gang Tai Wu Xia
Will Power, Ep.1 through 31	PA0001884284	6/19/2015 8/10/2015	Gang Yue Wang Luo Dian Shi
Witness Insecurity, Ep. 1 through 19	PA0001827051	6/20/2015	Gang Yue Wang Luo Dian Shi
Witness to a Prosecution, Ep. 1 through 22	PA0000980415	6/18/2015 8/7/2015	Gang Tai Wu Xia

## Certificate of Registration



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*Maria A. Pallante*

Register of Copyrights, United States of America

Registration Number  
PA 1-922-870

Effective date of  
registration:  
November 20, 2014

**Title** \_\_\_\_\_

Title of Work: Big Boys Club 2014-09-29 (Episode 1200)

**Completion/Publication** \_\_\_\_\_

Year of Completion: 2014

Date of 1st Publication: September 29, 2014

Nation of 1st Publication: Hong Kong

**Author** \_\_\_\_\_

■ Author: Television Broadcasts Limited

Author Created: entire motion picture

Work made for hire: Yes

Domiciled in: Hong Kong

■ Author: TVBO Production Limited

Author Created: entire motion picture

Work made for hire: Yes

Domiciled in: Bermuda Islands

**Copyright claimant** \_\_\_\_\_

Copyright Claimant: TVBO Production Limited

Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermuda Islands

Transfer Statement: Claimant obtained all world-wide right except Hong Kong by written agreement.

**Certification** \_\_\_\_\_

Name: KAREN P. Y. WAN

Date: November 18, 2014

Registration #: PA0001922870  
Service Request #: 1-1913059455



Television Broadcasts Limited  
Pony Sin  
10/F., Main Block, TVB City, 77 Chun Choi Street  
Tseung Kwan O Industrial Estate  
Kowloon, 0000 Hong Kong





**EXHIBIT B**











**Exhibit B – Infringing TVpad Apps**

	<b>TVpad3</b>	<b>TVpad4</b>
<b>Infringing TVpad App and icon</b>	<b>Plaintiffs' Programming and Mode</b>	<b>Plaintiffs' Programming and Mode</b>
<p>BETV PLUS</p> 		<p>CCTV 1 (live &amp; replay live), CCTV 2 (live), CCTV 3 (live &amp; replay live), CCTV 4 (live &amp; replay live), CCTV6 (live &amp; replay live), CCTV 10 (live), CCTV 11 (live), CCTV12 (live), CCTV13 (live &amp; replay live), CCTV14 (live &amp; replay live)</p>
<p>BETV_HD</p> 	<p>CCTV 1 HD (live), CCTV 5 HD (live)</p>	
<p>BETV II</p> 	<p>CCTV 1 (live &amp; replay live), CCTV 2 (live), CCTV 3 (live &amp; replay live), CCTV 4 (live &amp; replay live), CCTV 5 (live &amp; replay live), CCTV 5+ (live), CCTV6 (live &amp; replay live), CCTV 10 (live), CCTV 11 (live), CCTV12 (live), CCTV13 (live &amp; replay live), CCTV14 (live &amp; replay live), CCTV风云足球 (CCTV fengyun soccer) (live)</p>	





	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>BETV</p> 	<p>CCTV 1, CCTV 2, CCTV 3, CCTV 4, CCTV 5+, CCTV6, CCTV 10, CCTV 11, CCTV12, CCTV13, CCTV14, CCTV风云足球 (CCTV fengyun soccer) (all live)</p>	
<p>粵海時移 (Yue Hai Shi Yi)</p> 	<p>JADE HD, JADE (both time-shifted by 12 hours)</p>	<p>JADE HD, JADE (both time-shifted by 12 hours)</p>
<p>粵海寬頻 (Yue Hai Kuan Pin)</p> 	<p>JADE HD, JADE HD, J2, JADE, PEARL, iNews (all live)</p>	
<p>粵海寬頻2 (Yue Hai Kuan Pin 2)</p> 	<p>JADE HD, JADE, J2 (Live and replay live) PEARL, iNews (live)</p>	

	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>港粵網絡電視 (Gang Yue Wang Luo Dian Shi)</p> 	<p>JADE HD, JADE, J2 (live and replay live); PEARL, iNews (live)</p> <p>TVB programs on demand</p>	<p>JADE HD, JADE, J2, PEARL (live and replay live); iNews (live)</p> <p>TVB programs on demand</p>
<p>粵海直播 (Yue Hai Zhi Bo)</p> 	<p>iNews, J2, PEARL, JADE, JADE HD (live)</p>	
<p>516TV</p> 	<p>TVBS (live)</p>	
<p>516網絡電視 (516 Online TV)</p> 	<p>CCTV4 (live)</p> <p>TVBS (live)</p>	<p>CCTV4 (live)</p> <p>TVBS (live)</p> <p>TVBS News (live)</p>

	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>HITV</p> 	JADE HD, J2, JADE, PEARL, iNews (live)	
<p>体育online (Sport Online)</p> 	CCTV 1, CCTV 5, CCTV 5+, CCTV风云足球 (CCTV fengyun soccer) (all live)	CCTV 5, CCTV 5+, CCTV风云足球 (CCTV fengyun soccer), CCTV 高尔夫. 网球 (CCTV Golf/ Tennis) (all live)
<p>港粤快看 (Gang Yue Kuai Kan)</p> 	TVB programs on demand	
<p>港台武侠(Gang Tai Wu Xia)</p> 	TVB programs on demand	TVB programs on demand

**Exhibit B – Infringing Apps**

Infringing blueTV App and icon	Plaintiffs' Programming and Mode
<p>Storm TV</p> 	<p>CCTV 1, CCTV 3, CCTV 4, CCTV 5, CCTV 5+, CCTV 云足球 (CCTV fengyun soccer), CCTV 6, CCTV 11, CCTV 12, CCTV 13, CCTV 14 (Live, Replay Live, VOD)</p> <p>JADE, JADE HD, J2, J5, Pearl, iNews (Live, Replay Live and VOD)</p>
<p>Storm TV Chinese interface</p> 	<p>CCTV 1, CCTV 3, CCTV 4, CCTV 5, CCTV 5+, CCTV 云足球 (CCTV fengyun soccer), CCTV 6, CCTV 11, CCTV 12, CCTV 13, CCTV 14 (Live, Replay Live and VOD)</p> <p>JADE, JADE HD, J2, J5, Pearl, iNews (Live, Replay Live, VOD)</p>

**EXHIBIT C**



**Exhibit C - TVpad Server IP Addresses and Domain Names**

Host	IP address	Date of detection	Domain Name	Function
ClearDDoS Technologies Los Angeles, California	103.240.140.142	September 3, 2015	xz.boxepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.71	September 3, 2015	xzsec.boxepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.65	September 3, 2015	xzsec.padepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.72	September 3, 2015	xzsec.listebox.com	Initialization TVpad3 Operational Content
Perfect International, Inc Los Angeles, California	70.36.96.245	September 3, 2015	stbepg.wsxlist.com	TVpad3 Authentication
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	stbepg.qaxlist.com	TVpad4 Authentication
Defender cloud international Los Angeles, California	23.234.41.173	September 3, 2015		Streaming Video
ClearDDoS Technologies Los Angeles, California	104.193.92.42	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.101	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.39	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.167.81.51	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.188.195	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.26	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.188.194	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.9.243	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.172.19	September 3, 2015		Streaming Video

**Exhibit C - TVpad Server IP Addresses and Domain Names**

CloudDDoS Technologies San Jose, California	45.61.239.33	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.82	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.181.227	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.182.3	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.4.227	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.18.227	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.74	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.19	September 3, 2015		Streaming Video
ClearDDoS Technologies Los Angeles, California	162.221.13.98	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.89.100.59	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.75	September 3, 2015		Streaming Video
ZeroDDOS Los Angeles, California	104.201.61.3	September 3, 2015		Streaming Video
ZeroDDOS Los Angeles, California	167.88.205.116	September 3, 2015		Streaming Video
Cloudflare	104.20.4.235	September 3, 2015		Streaming Video
Defender cloud international Los Angeles, California	23.234.41.171	September 3, 2015		Streaming Video
Enzu Los Angeles, California	104.202.82.178	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	98.126.0.98	September 3, 2015		Streaming Video
Enzu Los Angeles, California	107.183.113.242	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.245.73.18	September 3, 2015		Streaming Video

**Exhibit C - TVpad Server IP Addresses and Domain Names**

Krypt Technologies Los Angeles, California	98.126.4.194	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.89.185.2	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	174.139.162.50	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	174.139.83.4	September 3, 2015		Streaming Video
Enzu Los Angeles, California	107.183.246.226	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.86	September 3, 2015		Streaming Video
Cloudflare (res.sinohao.com.cdn.cloudflare.net)	104.20.4.235 104.20.5.235 104.20.7.235 104.20.8.235	September 3, 2015		TVpad Store Menus/Graphics Infringing Apps
ClearDDoS Technologies Los Angeles, California	104.193.92.29	September 3, 2015	cmsres.wsxlist.com	TVpad Store Menus/ Graphics Infringing Apps
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	bi4.wsxlist.com	TVpad4 Store Menus/Graphics
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	btvstb.xqlzoy.com	TVpad4 Store Menus/Graphics
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	stbepg.qaxlist.com	TVpad4 Store Menus/Graphics
ZeroDDoS Los Angeles, California	167.88.196.51	September 3, 2015	res.qaxlist.com	TVpad Operational Content
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	sepg.qaxlist.com	TVpad Operational Content Infringing Apps' Program Guides
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	ykhplivetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	gqfc.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	fc.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	yhsy.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	dlgq.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	sports.livetvpad.com	TVpad3 Operational Content



**Exhibit C - TVpad Server IP Addresses and Domain Names**

PEER 1 Network Inc Santa Ana, CA	107.6.45.86	September 3, 2015	bsap.wsxlist.com	TVpad3 Operational Content
Krypt Technologies Los Angeles, California	174.139.233.3	September 3, 2015	tytuepg.wsxlist.com	TVpad3 Operational Content
Nobis Technology Seattle, Washington	23.19.131.19	September 3, 2015	force2009web.net	TVpad3 Operational Content
LimeStone Networks Dallas, Texas	63.143.43.171	September 3, 2015	vistv.plbegy.com	TVpad4 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.12.143	September 3, 2015	gyyyer.plbegy.com	TVpad4 Operational Content
Hostspace Networks Los Angeles, California	198.44.250.177	September 3, 2015	mhleve.oyhrtp.com	TVpad4 Operational Content
LimeStone Networks Dallas, Texas	74.63.227.30	September 3, 2015	npxyc.prsolive.com	TVpad4 Operational Content
Hostspace Networks Los Angeles, California	23.234.51.152	September 3, 2015	canpic.vdese.com	VOD Thumbnail graphics
Hostspace Networks	162.211.182.49	December 14, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.71	December 14, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.65	November 25, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.72	December 14, 2014		DNS Lookup TVpad Operational Content
ClearDDoS Technologies	104.193.92.29	January 30, 2015		TVpad Authorization
Defender cloud international	23.234.42.67	January 30, 2015		TVpad Authorization
ClearDDoS Technologies	23.234.42.66	November 25, 2014		TVpad Store Menus/Graphics
Datashack	198.204.242.5	November 25, 2014		TVpad Store Menus/ Graphics Infringing Apps
ClearDDoS Technologies	103.240.140.149	January 30, 2015		TVpad4 Store Menus/Graphics
CloudDDOS	168.235.240.115	January 30, 2015		TVpad Operational Content
Sharktech	107.167.14.146	November 25, 2014		TVpad Operational Content
CloudDDOS	168.235.240.115	January 30, 2015		TVpad Operational Content Infringing Apps' Program Guides

**Exhibit C - TVpad Server IP Addresses and Domain Names**

Defender cloud international	23.234.40.235	November 25, 2014		TVpad Operational Content
China Telecom	23.234.40.235	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Nobis Technology	23.105.74.107	November 25, 2014		TVpad Operational Content
Enzu	23.88.131.131	January 30, 2015		TVpad4 Operational Content
Protected by Cloudflare Location unknown	104.28.24.55	January 30, 2015		TVpad4 Operational Content
Sharktech	107.167.7.34	January 30, 2015		TVpad4 Operational Content
Chinanet China	61.174.48.109	January 30, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.13.44	January 30, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	January 30, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	January 30, 2015		TVpad4 Operational Content
Sharktech	107.167.15.67	November 25, 2014		VOD Thumbnail graphics
ClearDDoS Technologies	103.240.140.142	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.71	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.65	June 24, 2015		DNS Lookup TVpad Operational Content

**Exhibit C - TVpad Server IP Addresses and Domain Names**

Defender cloud international	23.234.42.72	June 24, 2015		DNS Lookup TVpad Operational Content
ClearDDoS Technologies	104.193.92.29	June 24, 2015		TVpad Authorization
Defender cloud international	23.234.42.67	June 24, 2015		TVpad Authorization
Sharktech	107.167.14.141	June 24, 2015		TVpad Store Menus/Graphics
ClearDDoS Technologies	104.193.92.8	June 24, 2015		TVpad Store Menus/ Graphics Infringing Apps
Enzu	23.245.203.53	June 24, 2015		TVpad4 Store Menus/Graphics
Hostspace Networks	162.211.182.173	June 24, 2015		TVpad Operational Content
Sharktech	107.167.14.140	June 24, 2015		TVpad Operational Content Infringing Apps' Program Guides
Defender cloud international	23.234.40.235	June 24, 2015		TVpad Operational Content
Defender cloud international	23.234.40.235	June 24, 2015		TVpad Operational Content
Cloud-CN	103.232.215.133	June 24, 2015		TVpad Operational Content
Cloud-CN	103.232.215.133	June 24, 2015		TVpad Operational Content
Nobis Technology	23.105.74.107	June 24, 2015		TVpad Operational Content
Hostspace Networks	23.234.51.85	June 24, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.12.143	June 24, 2015		TVpad4 Operational Content
Chinanet China	61.174.48.109	June 24, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.13.44	June 24, 2015		TVpad4 Operational Content
Gorilla Servers	146.71.102.90	June 24, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	June 24, 2015		TVpad4 Operational Content

**Exhibit C - TVpad Server IP Addresses and Domain Names**

CloudDDOS	168.235.240.115	June 24, 2015		VOD Thumbnail graphics
Enzu	104.151.28.194	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.30	January 30, 2015		Streaming Video
Enzu	23.89.39.194	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.240.149	January 30, 2015		Streaming Video
Clearddos Technologies	104.193.92.111	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Clearddos Technologies	162.221.12.41	January 30, 2015		Streaming Video
Clearddos Technologies	104.193.92.60	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Esited	104.171.230.23	January 30, 2015		Streaming Video
Esited	104.171.230.16	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.240.65	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.10	January 30, 2015		Streaming Video
Clearddos Technologies	23.234.41.9	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.30	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.240.149	January 23, 2015		Streaming Video
ClearDDoS Technologies	104.193.92.111	January 23, 2015		Streaming Video
Esited	192.225.233.202	January 23, 2015		Streaming Video
Enzu	104.151.28.194	January 23, 2015		Streaming Video
Enzu	199.48.69.146	January 23, 2015		Streaming Video
Enzu	23.89.39.194	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.70	January 23, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.70	January 23, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 30, 2015		Streaming Video
Krypt Technologies	67.198.192.3	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video

**Exhibit C - TVpad Server IP Addresses and Domain Names**

Cloudddos Technology	104.171.230.72	January 30, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Leaseweb	162.210.198.179	January 30, 2015		Streaming Video
Krypt Technologies	67.198.192.3	January 30, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.12	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.173	June 25, 2015		Streaming Video
ClearDDOS	104.193.92.62	June 25, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 25, 2015		Streaming Video
Sharktech	107.167.15.100	June 25, 2015		Streaming Video
CloudDDOS	104.171.230.32	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 25, 2015		Streaming Video
CloudDDOS	168.235.241.12	June 25, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 25, 2015		Streaming Video
CloudDDOS	104.171.230.25	June 25, 2015		Streaming Video
Defender cloud international	23.234.41.14	June 25, 2015		Streaming Video
Enzu	107.183.236.115	June 23-25, 2015		Streaming Video
Krypt Technologies	67.198.192.3	June 23-25, 2015		Streaming Video
CloudDDOS	104.171.230.87	June 24-25, 2015		Streaming Video
Krypt Technologies	174.139.162.52	June 24-25, 2015		Streaming Video
CloudDDOS	104.171.230.25	June 26, 2015		Streaming Video
Defender cloud international	23.234.41.14	June 26, 2015		Streaming Video
CloudDDOS	104.171.230.32	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.173	June 26, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 26, 2015		Streaming Video
Krypt Technologies	174.139.83.4	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.115	June 26, 2015		Streaming Video
Krypt Technologies	67.198.192.3	June 26, 2015		Streaming Video
Krypt Technologies	98.126.4.194	June 26, 2015		Streaming Video
Krypt Technologies	98.126.14.27	June 26, 2015		Streaming Video
Hostspace Networks	162.211.182.173	June 26, 2015		TVpad 3 Operational Content
ClearDDoS Technologies	162.221.15.179	June 26, 2015		TVpad 3 Operational Content
Sharktech	208.98.26.130	June 26, 2015		TVpad 3 Operational Content

**Exhibit C - TVpad Server IP Addresses and Domain Names**

Hostspace Networks	162.211.182.166	June 26, 2015		TVpad3 Operational Content
Enzu	198.56.193.123	June 26, 2015		Streaming Video
ZERO DDOS LLC	167.88.195.51	June 26, 2015		Streaming Video
Sharktech	104.171.230.3	June 26, 2015		Streaming Video
Enzu	23.89.197.35	June 26, 2015		Streaming Video
Krypt Technologies	67.198.158.171	June 26, 2015		Streaming Video
SolidTools	198.40.56.19	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.20	June 26, 2015		Streaming Video
C3 Networks	206.226.64.44	October 14, 2015		Streaming Video
C3 Networks	206.226.64.179	October 14, 2015		Streaming Video
C3 Networks	107.151.129.22	October 14, 2015		Streaming Video
C3 Networks	107.151.131.5	October 14, 2015		Streaming Video
C3 Networks	107.151.28.205	October 14, 2015		Streaming Video
C3 Networks	107.155.8.40	October 14, 2015		Streaming Video
C3 Networks	107.155.5.42	October 14, 2015		Streaming Video
C3 Networks	107.151.128.54	October 14, 2015		Streaming Video
C3 Networks	107.151.146.14	October 14, 2015		Streaming Video
C3 Networks	107.151.128.102	October 14, 2015		Streaming Video
C3 Networks	107.151.128.114	October 14, 2015		Streaming Video
C3 Networks	107.151.128.98	October 14, 2015		Streaming Video
C3 Networks	107.151.131.134	October 21, 2015		Streaming Video
Hostspace	192.126.116.213	October 21, 2015		TVpad Operational Content
Sharktech	104.37.247.147	October 21, 2015	xz.boxepg.com	DNS Lookup TVpad Operational Content
Sharktech	208.98.42.195	October 15, 2015	bi4.wsxlist.com stbepg.qaxlist.com	TVpad Operational Content
Sharktech	174.128.243.36	October 15, 2015	btvstb.xqlzoy.com	Streaming Video
Limestone Networks	63.143.43.171	October 15, 2015	vistv.plbegy.com	TVpad Operational Content
ZBUSAs	192.225.233.60	October 14, 2015		TVpad Operational Content
Perfect International	70.36.96.245	October 15, 2015	stbepg.wsxlist.com cmsres.wsxlist.com	TVpad Operational Content
Enzu	104.171.230.102	October 21, 2015		Streaming Video
Enzu	104.171.230.79	October 21, 2015		Streaming Video
Enzu	104.171.230.74	October 21, 2015		Streaming Video
Enzu	107.155.5.42	October 21, 2015		Streaming Video
Enzu	23.244.42.226	October 21, 2015		Streaming Video
Enzu	104.167.81.52	October 21, 2015		Streaming Video
Enzu	23.244.84.226	October 21, 2015		Streaming Video
Enzu	23.89.197.34	October 21, 2015		Streaming Video



**Exhibit C - TVpad Server IP Addresses and Domain Names**

Enzu	104.183.113.245	October 15, 2015		Streaming Video
Enzu	104.151.28.205	October 15, 2015		Streaming Video
Enzu	104.171.230.92	October 15, 2015		Streaming Video
Enzu	107.183.246.229	October 15, 2015		Streaming Video
Krypt	98.126.0.102	October 15, 2015		Streaming Video
Krypt	98.126.4.198	October 15, 2015		Streaming Video
Krypt	67.198.128.30	October 15, 2015		Streaming Video
Leaseweb	207.244.83.48	October 15, 2015		Streaming Video
Enzu	104.202.82.182	October 15, 2015		Streaming Video
Enzu	107.183.113.246	October 15, 2015		Streaming Video
Enzu	107.183.236.118	October 15, 2015		Streaming Video
Enzu	23.244.76.190	October 15, 2015		Streaming Video
Enzu	199.48.69.142	October 15, 2015		Streaming Video
Enzu	107.183.246.118	October 15, 2015		Streaming Video
Enzu	23.89.185.6	October 15, 2015		Streaming Video
Enzu	104.151.28.206	October 15, 2015		Streaming Video
Enzu	23.88.126.14	October 15, 2015		Streaming Video
Enzu	107.183.246.230	October 15, 2015		Streaming Video
Enzu	23.244.76.189	October 15, 2015		Streaming Video
Enzu	23.244.82.102	October 15, 2015		Streaming Video
Enzu	107.183.246.117	October 15, 2015		Streaming Video
Enzu	23.234.51.153	October 15, 2015		Streaming Video
Enzu	23.234.51.193	October 15, 2015		Streaming Video
Enzu	23.244.76.186	October 15, 2015		Streaming Video
Enzu	199.48.69.138	October 15, 2015		Streaming Video
Enzu	23.88.126.10	October 15, 2015		Streaming Video
Enzu	104.151.28.202	October 15, 2015		Streaming Video
Enzu	107.183.246.114	October 15, 2015		Streaming Video
Enzu	107.183.236.114	October 15, 2015		Streaming Video
Tzulo	206.226.64.44	October 14, 2015		Streaming Video
Tzulo	206.226.64.179	October 14, 2015		Streaming Video
C3 Networks / Zenlayer	107.151.129.77	February 9, 2016	epg.qazlist.com	TVpad Operational Content
Limestone Networks	63.143.43.170	February 9, 2016	tmwk.ukshix.com	TVpad Operational Content
Cloudflare	104.24.126.11	February 9, 2016	res.kkpsge.es	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.18	February 9, 2016	res.qazlist.com	TVpad Operational Content
OVH Hosting	167.114.100.171	February 9, 2016		TVpad Operational Content
Amazon	52.8.86.95	February 9, 2016		TVpad Operational Content
Amazon	54.67.50.87	February 9, 2016		TVpad Operational Content
ClearDDoS	162.221.13.139	February 9, 2016		TVpad Operational Content



**Exhibit C - TVpad Server IP Addresses and Domain Names**

Hosting Solutions International	209.239.123.16	February 9, 2016		TVpad Operational Content
C3 Networks / Zenlayer	107.151.136.46	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.136.62	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.136.78	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.160.32	February 9, 2016		Streaming Video
Enzu	107.183.246.230	February 9, 2016		Streaming Video
Enzu	23.88.29.222	February 9, 2016		Streaming Video
Enzu	23.88.117.214	February 9, 2016		Streaming Video
Enzu	23.236.123.38	February 9, 2016		Streaming Video
Enzu	23.244.84.27	February 9, 2016		Streaming Video
Enzu	104.171.230.127	February 9, 2016		Streaming Video
Enzu	104.171.230.92	February 9, 2016		Streaming Video
ClearDDoS	162.221.13.139	February 9, 2016		Streaming Video
ClearDDoS	162.221.12.54	February 9, 2016		Streaming Video
Enzu	199.231.208.242	February 9, 2016	pydjasm.soppp.net	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.18	February 9, 2016	res.qazlist.com	TVpad Operational Content
C3 Networks / Zenlayer	107.151.129.77	February 9, 2016	epg.qazlist.com	TVpad Operational Content
Cloudflare	104.24.127.11	February 9, 2016	res.kkpsg.es	TVpad Operational Content
Cloudflare	104.24.126.11	February 9, 2016	res.kkpsg.es	TVpad Store Menus/Graphics Infringing Apps
ClearDDoS	162.221.13.44	February 9, 2016	psle.ukshix.com	TVpad Operational Content
ClearDDoS	162.221.12.143	February 9, 2016	mhleve.oyhrtp.com	TVpad Operational Content
Limestone Networks	63.143.43.170	February 9, 2016	tmwk.ukshix.com	TVpad Operational Content
CLOUDDDOS	45.61.239.11	February 9, 2016	ngdvc.gvplayer.com	TVpad Operational Content
HOSTSPACE NETWORKS	192.126.116.213	February 9, 2016	vistv.plbegy.com	TVpad Operational Content
China Unicom Guangdong	112.90.22.156	February 9, 2016	soreq.soppp.net	TVpad Operational Content
Amazon	52.32.186.81	February 9, 2016		TVpad Operational Content
CLOUDDDOS	45.61.29.11	January 25, 2016	poxylighope.top	TVpad Operational Content
Nobis	23.81.180.58	February 11, 2016	download.qabao.com	App download
Henderson Data Centre (HK)	49.213.10.163	January 25, 2016		DNS Lookup
Limestone Networks	63.143.43.174	February 9, 2016	cibn.cngvnet.com	TVpad Operational Content
Limestone Networks	69.162.119.190	February 9, 2016	cn1video.cngvnet.com	TVpad Operational Content
Enzu	23.244.43.235	February 9, 2016	sepg.tgstblist.com	TVpad Operational Content
Enzu	23.244.43.238	February 9, 2016	epg.ccohi.nz	TVpad Operational Content

**Exhibit C - TVpad Server IP Addresses and Domain Names**

ClearDDoS	104.193.92.32	February 9, 2016	bsap.qkmfe.es	TVpad Operational Content
ClearDDoS	162.221.12.143	February 9, 2016	poxxy.plbegy.com	TVpad Operational Content
Sharktech	104.37.247.140	February 9, 2016	xzsec.wsxepg.com xzsec.rfvstb.com	TVpad Operational Content
Sharktech	208.98.42.200	February 9, 2016	xzsec.tepgstb.com	TVpad Operational Content
HOSTSPACE NETWORKS	23.234.13.32	February 9, 2016	bi.yoyub.es	TVpad Operational Content
HOSTSPACE NETWORKS	23.234.51.192	February 9, 2016	stbepg.stblist.es	TVpad Operational Content
HOSTSPACE NETWORKS	192.126.116.213	February 9, 2016	gyyyer.plbegy.com	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.34	February 9, 2016	adepg.dzjmd.nz	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.33	February 9, 2016	asepg.xqlzoy.nz	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.31	February 9, 2016	xz.tgblist.com	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.35	February 9, 2016	btvstb.hzxzbox.com	TVpad Operational Content
Sourceforge	216.34.181.59	February 9, 2016		TVpad Operational Content
Sourceforge	216.34.181.60	February 9, 2016		TVpad Operational Content
Cloudflare	104.24.127.11	February 9, 2016	res.kkpsg.es	Streaming Video / TVpad Store Menus/Graphics Infringing Apps
Cloudflare	104.24.126.11	February 9, 2016	res.kkpsg.es	Streaming Video / TVpad Store Menus/Graphics Infringing Apps
Enzu	23.88.69.26	February 9, 2016		Streaming Video
Enzu	23.88.69.23	February 9, 2016		Streaming Video
Enzu	104.202.31.139	February 9, 2016		Streaming Video
Enzu	104.151.25.61	February 9, 2016		Streaming Video
Enzu	172.246.237.6	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	23.236.123.10	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	23.236.123.43	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.131.54	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.131.166	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.131.133	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.146.12	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.129.94	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.155.5.137	February 9, 2016		Streaming Video

**Exhibit C - TVpad Server IP Addresses and Domain Names**

CloudDDOS	45.61.239.52	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.19	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.26	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.136	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.122	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.180	February 9, 2016		Streaming Video
CloudDDOS	104.171.230.50	February 9, 2016		Streaming Video
CloudDDOS	104.171.230.102	February 9, 2016		Streaming Video
CloudDDOS	104.171.230.3	February 9, 2016		Streaming Video
HOSTSPACE NETWORKS	23.234.13.27	February 9, 2016		Streaming Video
HOSTSPACE NETWORKS	23.234.51.179	February 9, 2016		Streaming Video
Hostkey/Mir Network	141.105.65.146	February 9, 2016		Streaming Video
Hostkey/Mir Network	141.105.65.148	February 9, 2016		Streaming Video
Hostkey	5.39.216.124	February 9, 2016		Streaming Video
Voxility	5.254.104.22	February 9, 2016		Streaming Video

**TVpad4 IP Addresses and Domain Names**

Host	IP address	Date of detection	Domain Name	Function
<b>TVpad4 connected through a US IP address</b>				
Alibaba (Hong Kong)	47.90.105.42	April 14, 2017	appepg.lpvlj.nz	TVpad4 Authentication
Enzu (US)	23.244.43.236	April 14, 2017	xml.wwwcd.es	TVpad4 Operational Content
Cloudflare (US)	104.27.153.76	April 14, 2017	res.blhln.nz	TVpad4 Operational Content
eNom (US)	69.64.147.242	April 14, 2017	res.kkpsg.es	TVpad4 Operational Content
AZURE TECHNOLOGY (US)	45.61.239.11	April 14, 2017	poxy.thryee.es	TVpad4 Operational Content
Defender Network (US)	23.234.13.27	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	45.61.239.33	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	104.171.230.80	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	104.171.230.102	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	45.61.239.122	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	104.171.230.3	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	45.61.239.180	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	23.236.123.39	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.128.172	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.155.5.136	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	23.236.123.53	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.129.45	April 14, 2017		Live, Replay Live and VOD Streaming Video

Host	IP address	Date of detection	Domain Name	Function
Zenlayer (US)	107.151.129.22	April 14, 2017		Live, Replay Live and VOD Streaming Video
HostSpace (US)	23.234.51.208	April 14, 2017		Live, Replay Live and VOD Streaming Video
HostSpace (US)	23.234.13.40	April 14, 2017		Live, Replay Live and VOD Streaming Video
HostSpace (US)	23.234.51.105	April 14, 2017		Live, Replay Live and VOD Streaming Video
ZERO DDOS (US)	104.167.81.53	April 14, 2017		Live, Replay Live and VOD Streaming Video



**blueTV Server IP Addresses and Domain Names**

Host	IP address	Date of detection	Domain Name	Function
<b>blueTV connected through a US IP address</b>				
Nobis Technology (US)	23.81.180.59	April 4, 2017	stbepg.adynd.top	blueTV Authentication
Cloudflare	104.31.84.32	April 4, 2017	djres.grgog.top	blueTV apps store/download
Enzu (US)	23.244.43.238	April 4, 2017	bi.ugddb.nz	blueTV Operational Content
Enzu (US)	23.244.76.2	April 4, 2017	poxy.blueseae.top	blueTV Operational Content
Zenlayer (US)	107.151.136.130	April 4, 2017	poxy.hrsnos.com	blueTV Operational Content
Nobis Technology (US)	23.81.180.62	April 4, 2017	xml.edijv.top	blueTV Operational Content
Nobis Technology (US)	23.81.180.61	April 4, 2017	appepg2.appepg.es s.xz.yhnbox.com	blueTV Operational Content
Cloudflare	104.31.84.109	April 4, 2017	res.kkpsg.es	blueTV Operational Content
Cloudflare	104.28.8.33	April 4, 2017	res.pxhdy.top	blueTV Operational Content
Clear DDOS (US)	104.193.92.6	April 4, 2017	cnpic.hhnff.top	blueTV Operational Content
Defender Network (US)	23.234.13.22	April 4, 2017		Live, Replay Live and VOD Streaming Video
Defender Network (US)	23.234.51.96	April 4, 2017		Live, Replay Live and VOD Streaming Video
Clear DDOS (US)	162.221.12.64	April 4, 2017		Live, Replay Live and VOD Streaming Video
Azure Tech (US)	104.171.230.15	April 4, 2017		Live, Replay Live and VOD Streaming Video
Azure Tech (US)	45.61.239.141	April 4, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.128.38	April 4, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.136.131	April 4, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.128.108	April 4, 2017		Live, Replay Live and VOD Streaming Video

**EXHIBIT D**



**Exhibit D**  
**Third-Party TVpad Distributors**

3G TV Box LLC	Feng Lin
Amilkar Trading Inc	Financial Systems Support Inc / Romolo Depaolis
Anton International Inc.	
Asian Trade Ventures Inc	Formark Resource & Asset Management
ATA Chung's Taekwondo, Inc	Galaxy Talk Inc
AVC Group Inc	George Thai / Katherine Thai
B.K.A. Trading Inc	Gershon Zilber
Bay Media Star Inc	Golden Ocean Sales, Inc.
Bee Lin Tey / Peter K. Tsui	Hair Plaza, Inc
Caytan Enterprise LLC	Hawaiian Tel FCU / Gary Su
Chin Chen Chang / Cheetah Trading Co	He Zhen Li
CHM Int'l Trading Inc.	Henda International Trading Inc d/b/a Hengda International Trading
Chong Seon Yi / Young Ok Woo	Hester Fashion of Chinatown Inc
Christine Enterprises, Inc.	Hui Duan Chen / Dingren Luo
Christine Tang / Wai K Tang	Ja-De Trading Corp
Chuang Wei Technology LLC (Yu Shao)	Ja-De Trading Corp.
City Home Improvement Corp d/b/a 8th Ave Electronic & Appliance	James T Chan
Collection of Beauty LLC	James Yang
CR Trading Co.	Jia R Chen
Crystal Clear Satellite Inc	Jiajie Shen
CV Construction LLC	Jianming Shen
Daming Huang	Jin Feng Li / Yong Qing Huang
Dynamic Distribution Warehouse	Jing Wen Li
Dynamic Sports Group, Inc.	Johnson Chau
ECR International USA Inc	K & K Computer Repairs Center Inc.
Effulgent Inc	K & M Store LLC / Ken's Electronics LLC
Electronic Land Inc	K & Y Car Accessories Inc
Eugene Zhou / Bill Dao Bian Qi / Chi Wing Ma	Kaiyee Ng
Face Entertainment Ltd	Ka-Ling Leung d/b/a Global Multimedia
	Kar Li Wong

Ken's Electronics LLC	Top Star Satellite Inc
Kenneth W Chan	True Beauty Trading Inc.
Kwok Li	Tu Da Trading Inc
L&D	TV Pad Center Inc d/b/a TV Pad Center
Laura Tong	W Sweet & Sweet Inc d/b/a Ocean5 Inc
LCL General Contractor Inc	Wai Kwong Tang
Li Po Wu	Walon International Inc
Li Shu Liang	Watsing Inc
Lianju Zhang / Zhong Zhong Zang	Wei Hua Liang
Li-Jun Tan	Wei Yem Lum
Linhui Yang	Weidong Lu / Ling Sheng
M & J Electronics 2012 Inc	Westfield Industrial Corp
Marianne H S Choi / Kwong Hon Chan	Wing Hing Wood Furnishing Inc
Mavsak Inc	Xiu Ying Huang
May Dang	Y S International Inc t/a Travel Galleria
Media Journal Inc	Yan Bian
Minerva Synergy LLC	Yan Ni Gu
Mirage Entertainment	Yan Zheng Yang
Mr Zi Rui Lin	Yanjie Shen
NY Toner Inc	Yeon Soo Byun / Young S Byun
PA Security Camera	Yong Ji Tan
Qamar Abbas	Zhang Z Zhong
Qing Hua Li / Jie Lin	Zhong T Huang / Zhong Liang Huang
Raymond Tam	
RBS Citizens, NA	
Red Star Internet Inc	
Redsea Consultants Corp	
S . D Italia SRL	
S.D.H. Entertainment, Inc	
Siu C Ng	
Sky Dragon Appliance Inc.	
STV Satellite Co.	
Toner.com Inc	

**Exhibit 2**

<b>Network</b>	<b>IP Address</b>	<b>Date Accessed</b>	<b>Function</b>
Azure Technology	45.61.239.11	April 14, 2017	TVpad Operational Content
Azure Technology	45.61.239.33	April 14, 2017	Streaming Video
Azure Technology	104.171.230.80	April 14, 2017	Streaming Video
Azure Technology	104.171.230.102	April 14, 2017	Streaming Video
Azure Technology	45.61.239.122	April 14, 2017	Streaming Video
Azure Technology	104.171.230.3	April 14, 2017	Streaming Video
Azure Technology	45.61.239.180	April 14, 2017	Streaming Video
Azure Technology	104.171.230.15	April 4, 2017	Streaming Video
Azure Technology	45.61.239.141	April 4, 2017	Streaming Video